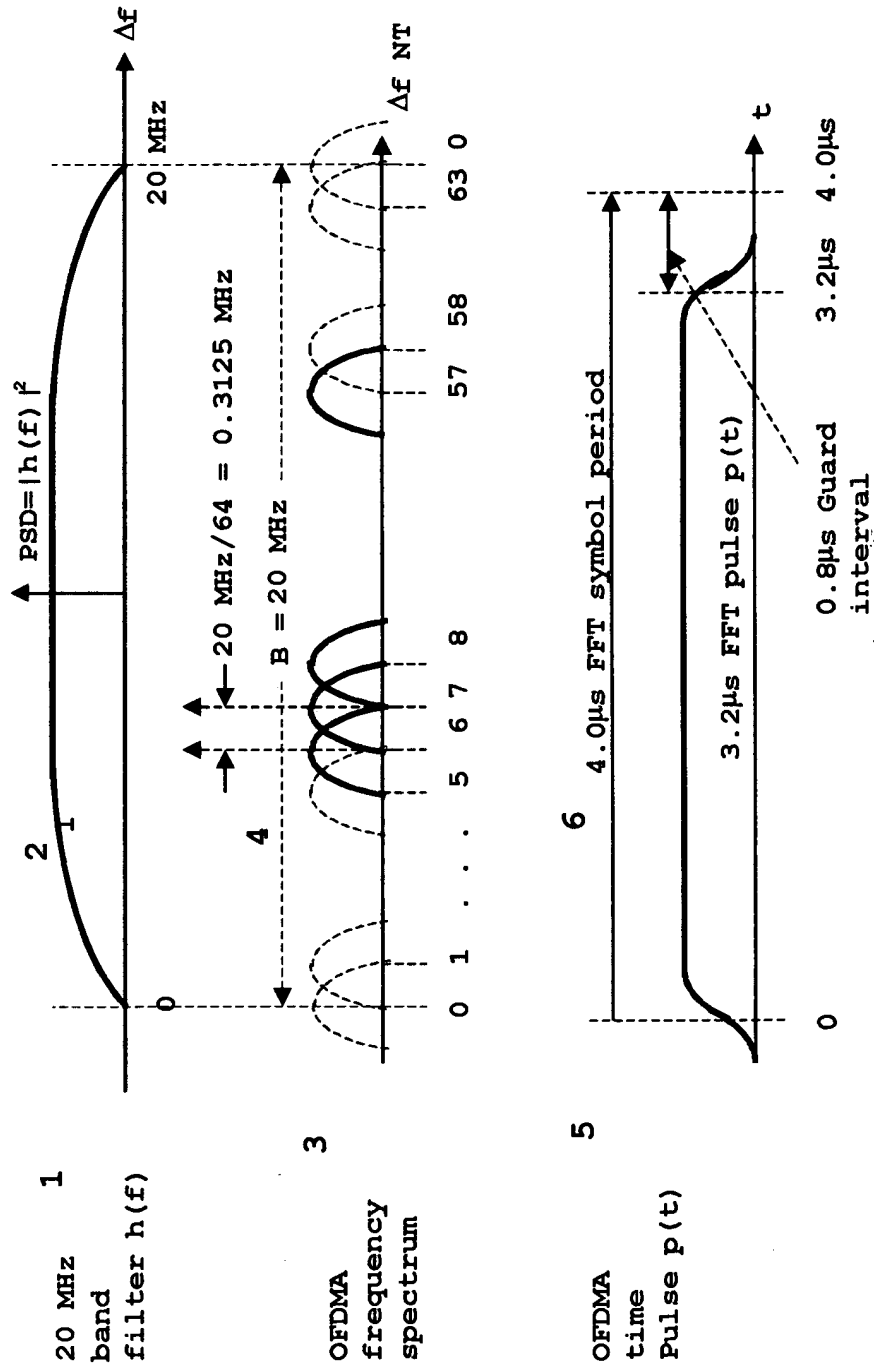


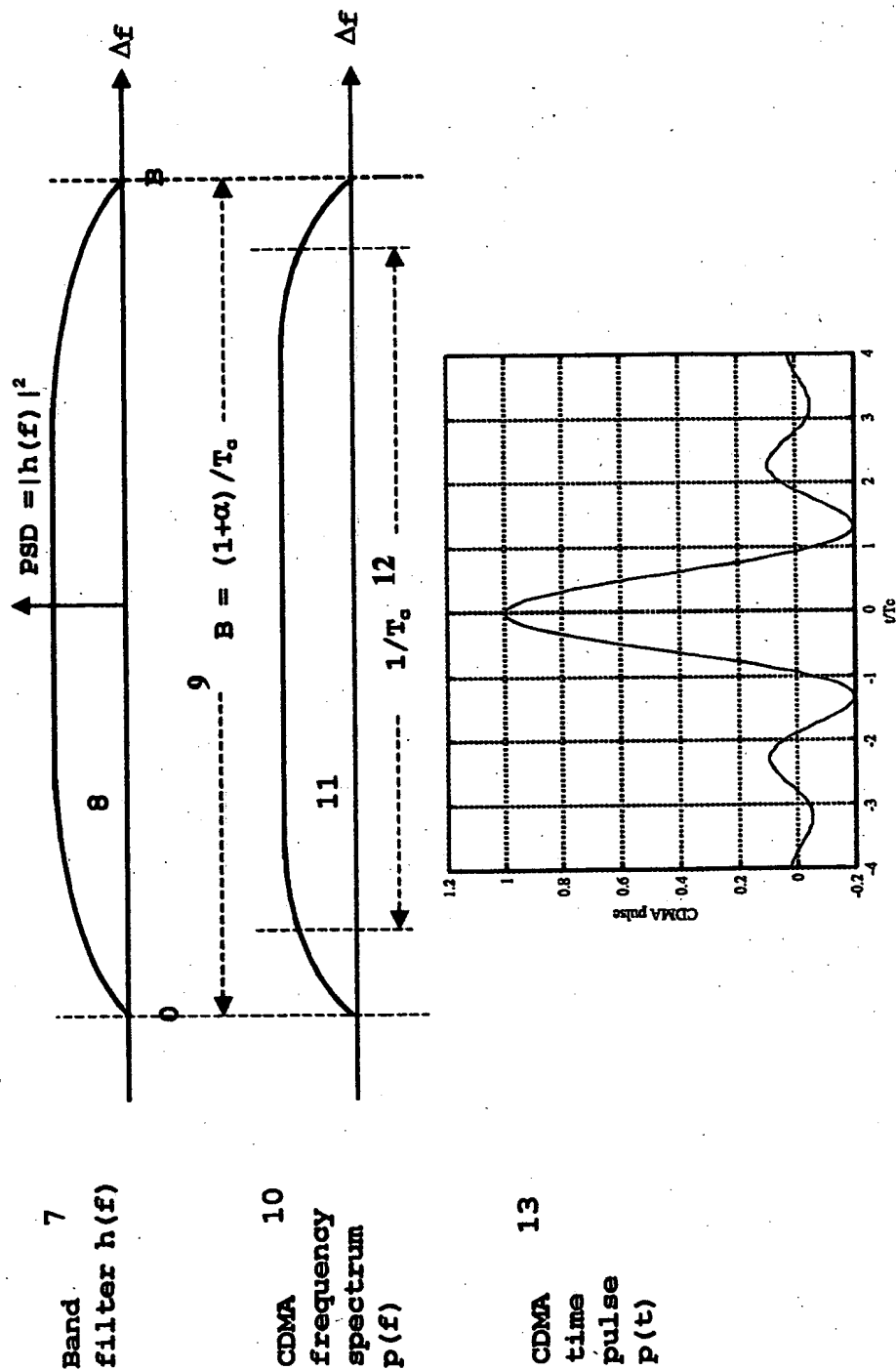
REPLACEMENT SHEET

FIG. 1 Prior Art: OFDMA waveform



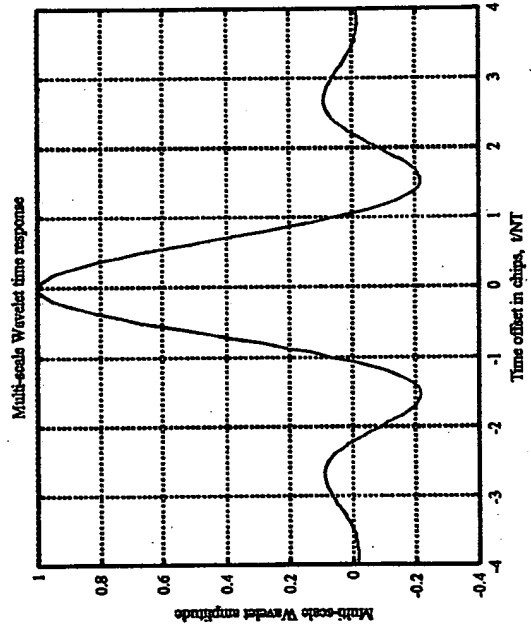
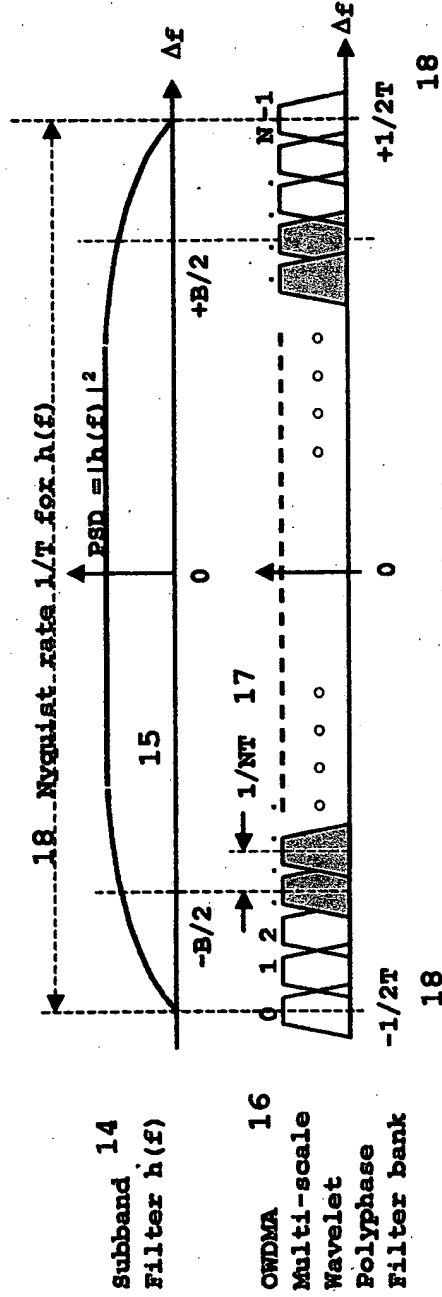
REPLACEMENT SHEET

FIG. 2 Prior Art: CDMA waveform



REPLACEMENT SHEET

FIG. 3 OWDMA waveform



REPLACEMENT SHEET

FIG. 5 PSD for New Waveform (Wavelet waveform) and Square-Root Raised Cosine (Sq-Rt R-C)

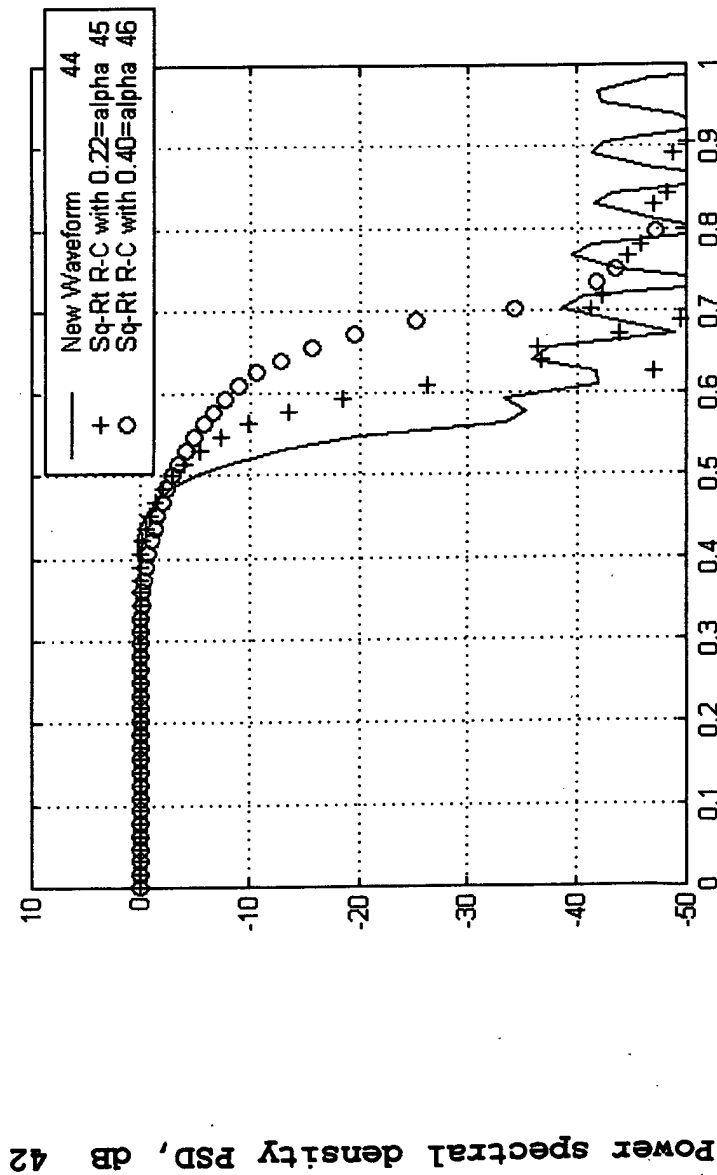
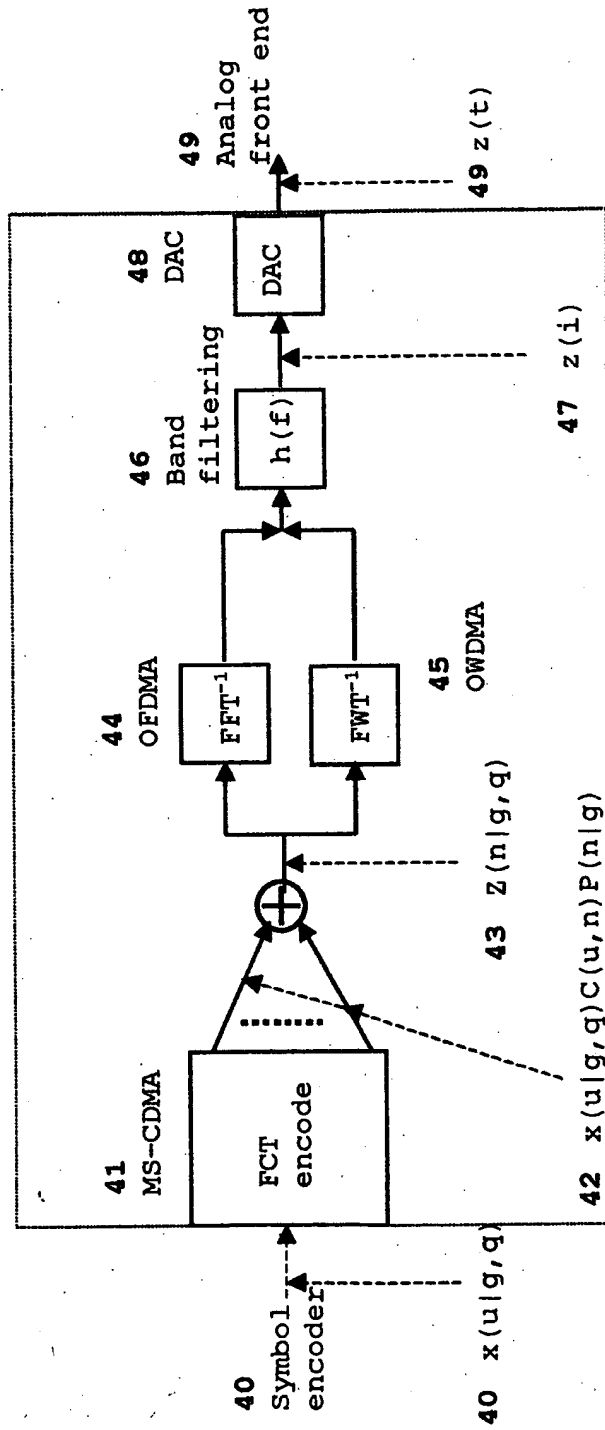
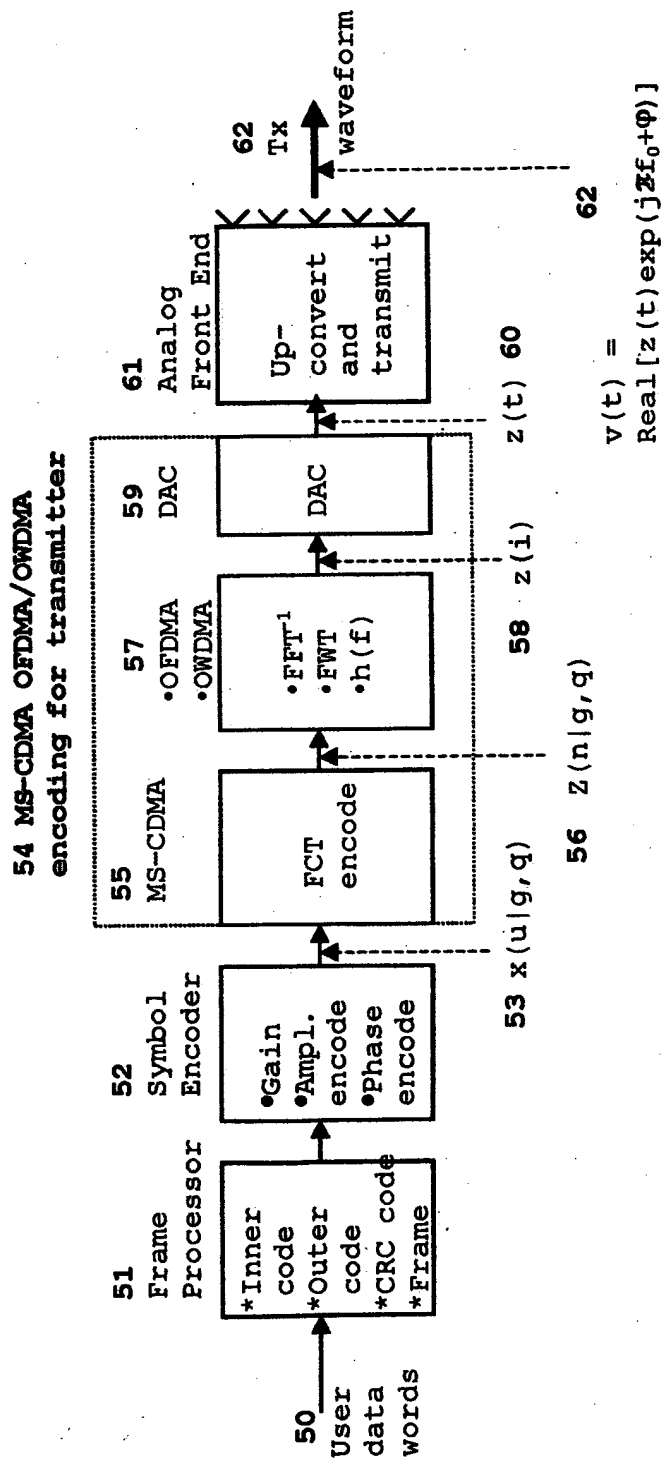


FIG. 6 MS-CDMA OFDMA/OWDMA Encoding for Transmitter



REPLACEMENT SHEET

FIG. 7A MS-CDMA OFDMA/OWDMA Transmitter: Block Diagram



REPLACEMENT SHEET

FIG. 7B MS-CDMA OFDMA/OWDMA Transmitter: MS-CDMA Mapping

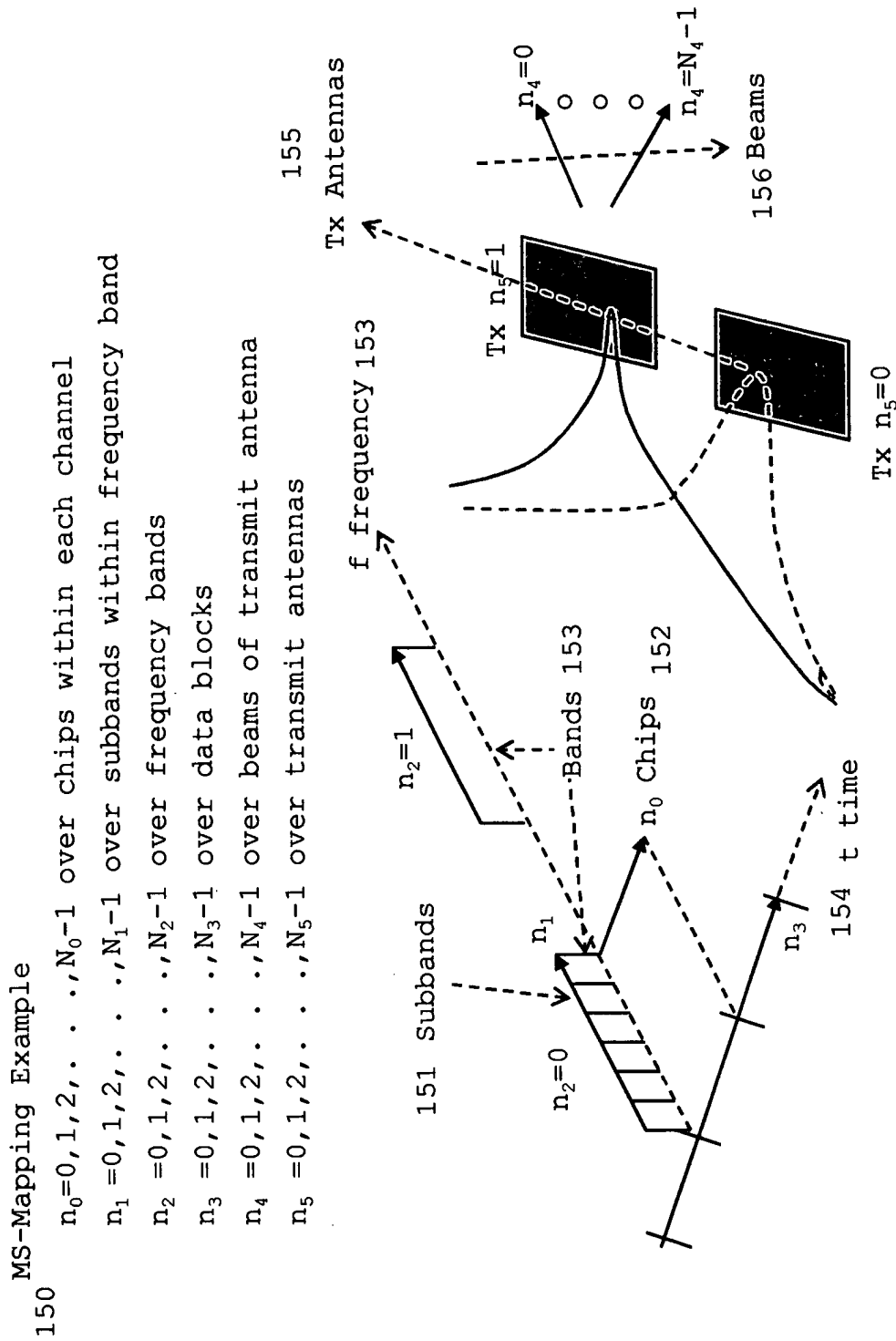


FIG. 8 MS-CDMA OFDMA/OWDMA Decoding for Receiver

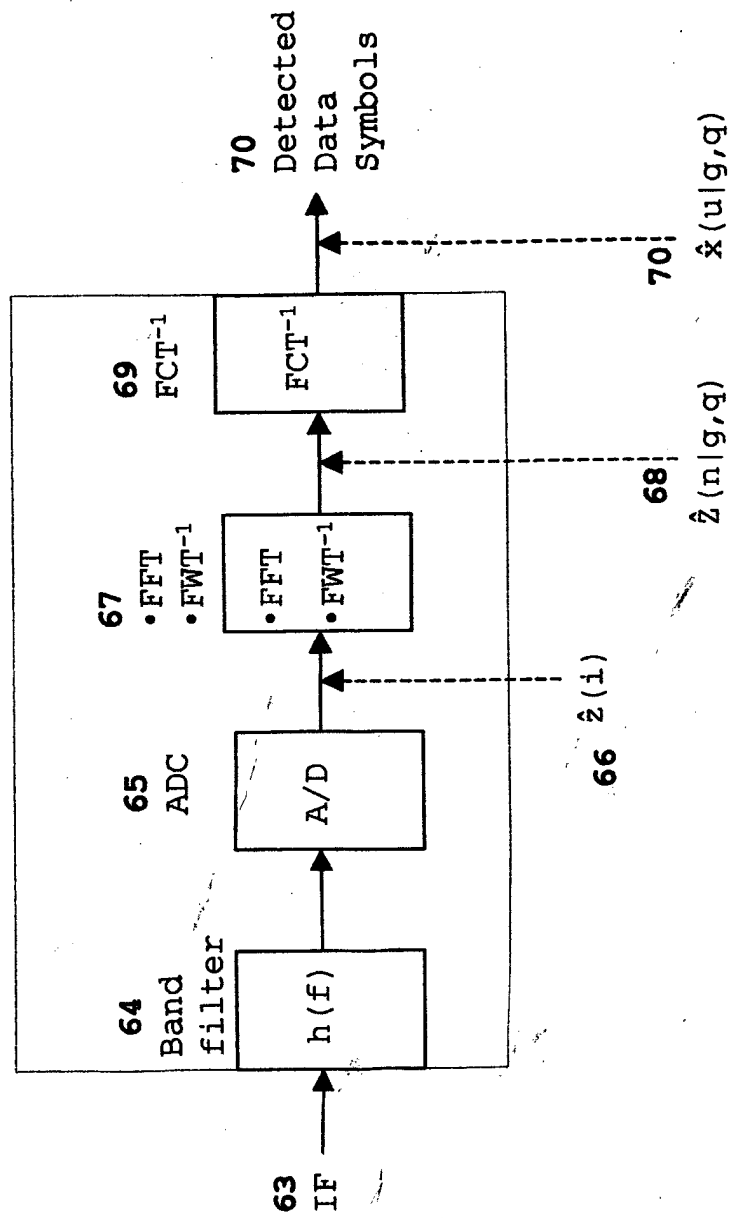


FIG. 9 MS-CDMA OFDMA/OWDMA Receiver Block Diagram

